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Claims

1.    A video signal processor comprising:

fetch instruction input accepting means which accept an image fetch instruction input in accordance with a received or read video signal;

image storing means which fetch the video signal of one screen and store it when the fetch instruction input is accepted by the fetch instruction input accepting means;

video signal processing means which provide a subscreen in a display area as a part of a display screen when the fetch instruction input is accepted by the fetch instruction input accepting means so that the image by the video signal of one screen stored in the image storing means is displayed on the subscreen and the image in accordance with the received or read video signal is displayed on the main screen of the display area except the subscreen;

character information recognizing means which recognize characters in character information displayed in the image displayed by the video signal of one screen stored in the image storing means;

character information extracting means which extract necessary information from the character information the characters of which are recognized by the character recognizing means; and

character information storing means which store the character information extracted by the character information extracting means.

2. The video signal processor according to claim 1, wherein the information extracted by the character information extracting means is information showing the other party of a communication.

3. The video signal processor according to claim 2, wherein the information indicating the other party of the communication is a telephone number.

4. The video signal processor according to claim 2, wherein the information showing the other party of the communication is an electronic mail address of a destination to which an electronic mail is transmitted.

5. The video signal processor according to claim 2, wherein the information indicating the other party of the communication is specific information for specifying provided information provided on a communication network.

6. The video signal processor according to claim 1, including a display element having a display screen provided with the main screen and the subscreen.

7. A video signal processor comprising:

communicating means to be connected to a communication network so that a communication process is performed;

fetch instruction input accepting means which accept an image fetch instruction input in accordance with a received or read video signal;

image storing means which fetch the video signal of one screen and store it when the fetch instruction input is accepted by the fetch instruction input accepting means;

video signal processing means which provide a subscreen in a display area as a part of a display screen when the fetch instruction input is accepted by the fetch instruction input accepting means so that the image by the video signal of one screen stored in the image storing means is displayed on the subscreen and the image in accordance with the received or read video signal is displayed on the main screen of the display area except the subscreen;

using instruction input accepting means which accept the using instruction input of character information included in the image displayed on the subscreen;

character information recognizing means which recognize characters in the character information displayed in the image displayed by the video signal of one screen stored in the image storing means, when the using instruction input is accepted through the using instruction input accepting means;

character information extracting means which extract character information indicating the other party of a communication from the character information the characters of which are recognized by the character recognizing means; and

control means which control to perform a communication process through the communicating means on the basis of the character information extracted by the character extracting means.

8.    The video signal processor according to claim 7, further comprising speaking means connected to the communicating means to speak to the other party, wherein when the character information indicating the other party of the communication is a

telephone number, the control means controls the communicating means to connect a communication line to the other party of the telephone number so as to speak through the speaking means.

9.      The video signal processor according to claim 7, wherein when the character information indicating the other party of the communication is electronic mail address information showing a destination to which an electronic mail is transmitted, the communication control means displays a creating screen for the electronic mail under a state in which the electronic mail address information is already inputted, so that the electronic mail can be created and transmitted.

10.     The video signal processor according to claim 9, wherein when the using instruction input is accepted by the using instruction input accepting means, the video signal processing means display the image in accordance with the received or read video signal on the subscreen and the creating screen for the electronic mail is displayed on the main screen.

11.     The video signal processor according to claim 7, wherein when the information indicating the other party of the communication is specific information for specifying information provided on the communication network, the communication control means control the communicating means to connect a communication line to the communication network so that the provided information can be used by using the specific information.

12.     The video signal processor according to claim 11, wherein when the using

instruction input is accepted by the using instruction input accepting means, the video

signal processing means display the image in accordance with the supplied video signal

on the subscreen and the provided information is displayed on the main screen.

13.     The video signal processor according to claim 7, including a display element

having a display screen provided with the main screen and the subscreen.